

10149000 SIXTH WATER CREEK ABOVE SYAR TUNNEL, NEAR SPRINGVILLE, UT

LOCATION.--Lat 40°07'05", long 111°18'50", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 13, T. 8 S., R. 5 E., Utah County, Hydrologic Unit 16020202, on left bank 400 ft upstream from Syar Tunnel.

DRAINAGE AREA.--15 mi².

PERIOD OF RECORD.--October 1998 to September 2003, April 2004 to September 2004.

GAGE.--Water-stage recorder. Elevation of gage is 6,320 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow includes water diverted from Strawberry Reservoir (capacity, 1,106,500 acre-ft) since June 30, 1973, in Colorado River Basin via Strawberry Tunnel for irrigation in vicinity of Spanish Fork.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 120 ft³/s, Sep 13, 2001, gage height, 5.27 ft; minimum, 3.0 ft³/s, Mar 16, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 77 ft³/s, May 7, gage height, 4.86 ft; minimum daily discharge, 32 ft³/s, May 26, Jun 5, 6, and Jul 5, 7, 12, 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	41	35	33	37	35
2	---	---	---	---	---	---	---	44	35	33	38	35
3	---	---	---	---	---	---	---	67	34	33	38	35
4	---	---	---	---	---	---	---	67	33	33	38	36
5	---	---	---	---	---	---	---	66	32	32	38	36
6	---	---	---	---	---	---	---	66	32	33	37	35
7	---	---	---	---	---	---	---	75	33	32	37	35
8	---	---	---	---	---	---	---	74	35	33	37	35
9	---	---	---	---	---	---	---	73	35	33	38	35
10	---	---	---	---	---	---	---	73	37	33	38	35
11	---	---	---	---	---	---	---	61	35	33	37	35
12	---	---	---	---	---	---	---	38	35	32	37	35
13	---	---	---	---	---	---	---	38	35	33	37	36
14	---	---	---	---	---	---	---	38	36	32	37	36
15	---	---	---	---	---	---	39	38	36	33	37	36
16	---	---	---	---	---	---	39	37	36	33	37	36
17	---	---	---	---	---	---	39	37	36	33	37	37
18	---	---	---	---	---	---	40	36	36	33	37	37
19	---	---	---	---	---	---	39	36	35	33	36	37
20	---	---	---	---	---	---	39	36	35	33	36	37
21	---	---	---	---	---	---	40	35	35	33	36	37
22	---	---	---	---	---	---	39	35	35	33	36	37
23	---	---	---	---	---	---	39	35	34	33	36	37
24	---	---	---	---	---	---	39	34	34	33	36	37
25	---	---	---	---	---	---	40	33	34	33	36	37
26	---	---	---	---	---	---	40	32	34	34	36	37
27	---	---	---	---	---	---	40	36	34	36	36	38
28	---	---	---	---	---	---	41	36	34	37	36	37
29	---	---	---	---	---	---	41	37	34	37	36	37
30	---	---	---	---	---	---	41	36	33	37	36	37
31	---	---	---	---	---	---	---	35	---	37	36	---
TOTAL	---	---	---	---	---	---	---	1,425	1,037	1,039	1,140	1,085
MEAN	---	---	---	---	---	---	---	46.0	34.6	33.5	36.8	36.2
MAX	---	---	---	---	---	---	75	37	37	38	38	---
MIN	---	---	---	---	---	---	32	32	32	36	35	---
AC-FT	---	---	---	---	---	---	---	2,830	2,060	2,060	2,260	2,150